

# Sequence Listing

<110> Baughman, Sharon A.  
Shak Steven

<120> Dosages for Treatment with Anti-ErbB2 Antibodies

<130> P1775R1

<141> 2000-08-25

<150> US 60/151,018

<151> 1999-08-27

<150> US 60/213,822

<151> 2000-06-23

<160> 15

<210> 1

<211> 166

<212> PRT

<213> Homo sapiens

<400> 1

Cys	Thr	Gly	Thr	Asp	Met	Lys	Leu	Arg	Leu	Pro	Ala	Ser	Pro	Glu
1				5					10					15
Thr	His	Leu	Asp	Met	Leu	Arg	His	Leu	Tyr	Gln	Gly	Cys	Gln	Val
				20					25					30
Val	Gln	Gly	Asn	Leu	Glu	Leu	Thr	Tyr	Leu	Pro	Thr	Asn	Ala	Ser
				35					40					45
Leu	Ser	Phe	Leu	Gln	Asp	Ile	Gln	Glu	Val	Gln	Gly	Tyr	Val	Leu
				50					55					60
Ile	Ala	His	Asn	Gln	Val	Arg	Gln	Val	Pro	Leu	Gln	Arg	Leu	Arg
				65					70					75
Ile	Val	Arg	Gly	Thr	Gln	Leu	Phe	Glu	Asp	Asn	Tyr	Ala	Leu	Ala
				80					85					90
Val	Leu	Asp	Asn	Gly	Asp	Pro	Leu	Asn	Asn	Thr	Thr	Pro	Val	Thr
				95					100					105
Gly	Ala	Ser	Pro	Gly	Gly	Leu	Arg	Glu	Leu	Gln	Leu	Arg	Ser	Leu
				110					115					120
Thr	Glu	Ile	Leu	Lys	Gly	Gly	Val	Leu	Ile	Gln	Arg	Asn	Pro	Gln
				125					130					135
Leu	Cys	Tyr	Gln	Asp	Thr	Ile	Leu	Trp	Lys	Asp	Ile	Phe	His	Lys
				140					145					150
Asn	Asn	Gln	Leu	Ala	Leu	Thr	Leu	Ile	Asp	Thr	Asn	Arg	Ser	Arg
				155					160					165

Ala

<210> 2  
<211> 32  
<212> PRT  
<213> Homo sapiens

<400> 2  
Ser Thr Gln Val Cys Thr Gly Thr Asp Met Lys Leu Arg Leu Pro  
1 5 10 15  
Ala Ser Pro Glu Thr His Leu Asp Met Leu Arg His Leu Tyr Gln  
20 25 30

Gly Cys

<210> 3  
<211> 11  
<212> PRT  
<213> Artificial sequence

<220>  
<223> salvage receptor binding epitope

<400> 3  
Pro Lys Asn Ser Ser Met Ile Ser Asn Thr Pro  
1 5 10

<210> 4  
<211> 7  
<212> PRT  
<213> Artificial sequence

<220>  
<223> salvage receptor binding epitope

<400> 4  
His Gln Ser Leu Gly Thr Gln  
1 5

<210> 5  
<211> 8  
<212> PRT  
<213> Artificial sequence

<220>  
<223> salvage receptor binding epitope

<400> 5  
His Gln Asn Leu Ser Asp Gly Lys  
1 5

<210> 6  
<211> 8  
<212> PRT  
<213> Artificial sequence

<220>  
<223> salvage receptor binding epitope

<400> 6  
His Gln Asn Ile Ser Asp Gly Lys  
1 5

<210> 7  
<211> 8  
<212> PRT  
<213> Artificial sequence

<220>  
<223> salvage receptor binding epitope

<400> 7  
Val Ile Ser Ser His Leu Gly Gln  
1 5

<210> 8  
<211> 59  
<212> PRT  
<213> Homo sapiens

<400> 8  
Val Glu Glu Cys Arg Val Leu Gln Gly Leu Pro Arg Glu Tyr Val  
1 5 10 15  
Asn Ala Arg His Cys Leu Pro Cys His Pro Glu Cys Gln Pro Gln  
20 25 30  
Asn Gly Ser Val Thr Cys Phe Gly Pro Glu Ala Asp Gln Cys Val  
35 40 45  
Ala Cys Ala His Tyr Lys Asp Pro Pro Phe Cys Val Ala Arg  
50 55

<210> 9  
<211> 65  
<212> PRT  
<213> Homo sapiens

<400> 9  
Leu Pro Cys His Pro Glu Cys Gln Pro Gln Asn Gly Ser Val Thr  
1 5 10 15  
Cys Phe Gly Pro Glu Ala Asp Gln Cys Val Ala Cys Ala His Tyr  
20 25 30  
Lys Asp Pro Pro Phe Cys Val Ala Arg Cys Pro Ser Gly Val Lys  
35 40 45  
Pro Asp Leu Ser Tyr Met Pro Ile Trp Lys Phe Pro Asp Glu Glu  
50 55 60  
Gly Ala Cys Gln Pro  
65

<210> 10  
 <211> 107  
 <212> PRT  
 <213> Mus Musculus

<400> 10  
 Asp Thr Val Met Thr Gln Ser His Lys Ile Met Ser Thr Ser Val  
 1 5 10 15  
 Gly Asp Arg Val Ser Ile Thr Cys Lys Ala Ser Gln Asp Val Ser  
 20 25 30  
 Ile Gly Val Ala Trp Tyr Gln Gln Arg Pro Gly Gln Ser Pro Lys  
 35 40 45  
 Leu Leu Ile Tyr Ser Ala Ser Tyr Arg Tyr Thr Gly Val Pro Asp  
 50 55 60  
 Arg Phe Thr Gly Ser Gly Ser Gly Thr Asp Phe Thr Phe Thr Ile  
 65 70 75  
 Ser Ser Val Gln Ala Glu Asp Leu Ala Val Tyr Tyr Cys Gln Gln  
 80 85 90  
 Tyr Tyr Ile Tyr Pro Tyr Thr Phe Gly Gly Gly Thr Lys Leu Glu  
 95 100 105  
 Ile Lys

<210> 11  
 <211> 119  
 <212> PRT  
 <213> Mus musculus

<400> 11  
 Glu Val Gln Leu Gln Gln Ser Gly Pro Glu Leu Val Lys Pro Gly  
 1 5 10 15  
 Thr Ser Val Lys Ile Ser Cys Lys Ala Ser Gly Phe Thr Phe Thr  
 20 25 30  
 Asp Tyr Thr Met Asp Trp Val Lys Gln Ser His Gly Lys Ser Leu  
 35 40 45  
 Glu Trp Ile Gly Asp Val Asn Pro Asn Ser Gly Gly Ser Ile Tyr  
 50 55 60  
 Asn Gln Arg Phe Lys Gly Lys Ala Ser Leu Thr Val Asp Arg Ser  
 65 70 75  
 Ser Arg Ile Val Tyr Met Glu Leu Arg Ser Leu Thr Phe Glu Asp  
 80 85 90  
 Thr Ala Val Tyr Tyr Cys Ala Arg Asn Leu Gly Pro Ser Phe Tyr  
 95 100 105

Phe Asp Tyr Trp Gly Gln Gly Thr Thr Leu Thr Val Ser Ser  
110 115

<210> 12  
<211> 107  
<212> PRT  
<213> Artificial sequence

<220>  
<223> humanized VL sequence

<400> 12  
Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val  
1 5 10 15  
Gly Asp Arg Val Thr Ile Thr Cys Lys Ala Ser Gln Asp Val Ser  
20 25 30  
Ile Gly Val Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys  
35 40 45  
Leu Leu Ile Tyr Ser Ala Ser Tyr Arg Tyr Thr Gly Val Pro Ser  
50 55 60  
Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile  
65 70 75  
Ser Ser Leu Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln  
80 85 90  
Tyr Tyr Ile Tyr Pro Tyr Thr Phe Gly Gln Gly Thr Lys Val Glu  
95 100 105  
Ile Lys

<210> 13  
<211> 119  
<212> PRT  
<213> Artificial sequence

<220>  
<223> humanized VH sequence

<400> 13  
Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly  
1 5 10 15  
Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Thr  
20 25 30  
Asp Tyr Thr Met Asp Trp Val Arg Gln Ala Pro Gly Lys Gly Leu  
35 40 45  
Glu Trp Val Ala Asp Val Asn Pro Asn Ser Gly Gly Ser Ile Tyr  
50 55 60

Asn	Gln	Arg	Phe	Lys	Gly	Arg	Phe	Thr	Leu	Ser	Val	Asp	Arg	Ser
				65					70					75
Lys	Asn	Thr	Leu	Tyr	Leu	Gln	Met	Asn	Ser	Leu	Arg	Ala	Glu	Asp
				80					85					90
Thr	Ala	Val	Tyr	Tyr	Cys	Ala	Arg	Asn	Leu	Gly	Pro	Ser	Phe	Tyr
				95					100					105
Phe	Asp	Tyr	Trp	Gly	Gln	Gly	Thr	Leu	Val	Thr	Val	Ser	Ser	
				110					115					

<210> 14  
 <211> 107  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> VL consensus sequence

<400> 14														
Asp	Ile	Gln	Met	Thr	Gln	Ser	Pro	Ser	Ser	Leu	Ser	Ala	Ser	Val
1				5					10					15
Gly	Asp	Arg	Val	Thr	Ile	Thr	Cys	Arg	Ala	Ser	Gln	Ser	Ile	Ser
				20					25					30
Asn	Tyr	Leu	Ala	Trp	Tyr	Gln	Gln	Lys	Pro	Gly	Lys	Ala	Pro	Lys
				35					40					45
Leu	Leu	Ile	Tyr	Ala	Ala	Ser	Ser	Leu	Glu	Ser	Gly	Val	Pro	Ser
				50					55					60
Arg	Phe	Ser	Gly	Ser	Gly	Ser	Gly	Thr	Asp	Phe	Thr	Leu	Thr	Ile
				65					70					75
Ser	Ser	Leu	Gln	Pro	Glu	Asp	Phe	Ala	Thr	Tyr	Tyr	Cys	Gln	Gln
				80					85					90
Tyr	Asn	Ser	Leu	Pro	Trp	Thr	Phe	Gly	Gln	Gly	Thr	Lys	Val	Glu
				95					100					105
Ile	Lys													

<210> 15  
 <211> 119  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> VH consensus sequence

<400> 15														
Glu	Val	Gln	Leu	Val	Glu	Ser	Gly	Gly	Gly	Leu	Val	Gln	Pro	Gly
1				5					10					15

Gly	Ser	Leu	Arg	Leu	Ser	Cys	Ala	Ala	Ser	Gly	Phe	Thr	Phe	Ser	20	25	30
Ser	Tyr	Ala	Met	Ser	Trp	Val	Arg	Gln	Ala	Pro	Gly	Lys	Gly	Leu	35	40	45
Glu	Trp	Val	Ala	Val	Ile	Ser	Gly	Asp	Gly	Gly	Ser	Thr	Tyr	Tyr	50	55	60
Ala	Asp	Ser	Val	Lys	Gly	Arg	Phe	Thr	Ile	Ser	Arg	Asp	Asn	Ser	65	70	75
Lys	Asn	Thr	Leu	Tyr	Leu	Gln	Met	Asn	Ser	Leu	Arg	Ala	Glu	Asp	80	85	90
Thr	Ala	Val	Tyr	Tyr	Cys	Ala	Arg	Gly	Arg	Val	Gly	Tyr	Ser	Leu	95	100	105
Tyr	Asp	Tyr	Trp	Gly	Gln	Gly	Thr	Leu	Val	Thr	Val	Ser	Ser		110	115	